VISHAL RATHOD NENAVATH

vishalnenavath1337@gmail.com• +1 (703) 298-3056 •**LinkedIn**

Masters in Computer Science (GMU)

Professional Summary

Motivated and technically proficient soon-to-be graduate with a Master's degree in Computer Science, seeking a Software Developer position to leverage my strong foundation in software development, web development, and embedded systems. Proficient in Python, C programming, and various web technologies, I am eager to contribute to innovative projects, enhance my skills, and support the development of cutting-edge software solutions in a forward-thinking organization.

Technical Skills

Languages	Python, JAVA, C, C++, SQL, JavaScript, Unix Shell Scripting
Web Technologies	Git, Docker, Kubernetes, Jenkins, HTML, CSS, Tailwind
Databases	Oracle, MySQL, Mongo DB, NoSQL
AWS	Redshift, S3, AWS Glue, EMR, Kinesis, FireHose, Lambda, IAM, SQS, SNS, DynamoDB, EC2
Frameworks	Angular JS, React JS, Spring Boot, Flask, Django, PySpark, Snowflake,
Other Skills	Ab-initio, Pandas, Numpy, Jenkins, Bamboo, Bitbucket, Tableau, Autosys, Service now

Professional Experience

QA (Trainee) | Internship | State Street Corporate Services | Hyderabad, India   Jan 2022 – April 2022

- Designing, developing, and maintaining automated test scripts using industry-standard tools and frameworks. Collaborating with cross-functional teams to gather requirements, identify test scenarios, and prioritize automation efforts. Executing automated test suites to validate software functionality, identify defects, and ensure high-quality deliverables.
- Participating in test plan reviews and providing valuable feedback to enhance test coverage and efficiency. Troubleshooting and resolving automation script failures, performing root cause analysis, and implementing fixes.
- Contributing to the creation and maintenance of test data, ensuring data integrity and relevancy for testing purposes.
- Conducting performance and load testing using automated tools to assess system responsiveness and scalability. Documenting test results, generating reports, and effectively communicating findings to stakeholders. Collaborating with developers and quality assurance team members to promote continuous integration and agile testing methodologies.
- Keeping up-to-date with emerging trends, tools, and best practices in automation testing.

Projects

Web application Kubernetes Orchestration (Angular JS, **Spring Boot, REST APIs, MySQL):**

- Built a survey form and packaged the application to war file and then to a **docker** container image in docker hub.
- The containerized application is deployed in the container orchestration platform **Kubernetes** and used **AWS** ec2 EKS to make the web application available all the time in the Kubernetes cluster.

Chat Bot (Python, NLP):

- Worked on project on developing an intelligent chat-bot using NLP in python.
- Pre-processed and cleaned the data using techniques like feature selection, feature Extraction, stemming, PCA etc.
- Worked on making an encoder-decoder model using LSTM neural network where the text is been generated sequentially.

Spending Tracker (Java, MySQL, Spring MVC, Spring Boot, Angular, CSS, HTML, Bootstrap, Java Script, Rest Api, JUnit):

- As the expenditure for a person goes on, to keep track of individuals' spending and savings. This is an Web Application for Tracking and Maintaining the daily expenses of a Person where the individual can do all the operations like Adding Income, Adding expenditures, Analysis of monthly expenditures and doing operations of the date he/she wish to.

LEADERSHIP & ADDITIONAL ACTIVITIES:

- Event Manager for Fun Department in Anokha (Technical fest) 2019,2020,2021 and Member of NSS (National Service Scheme).
- Conducted and Participated events statewide and national wide for the betterment of rural Society.

Education:

Master of Science in Computer Science   **Jan 2023-Dec 2024**
George Mason University, Virginia   **GPA 3.63/4.0**
Bachelor's in Computer Science and Engineering   **Jul 2018 – May 2022**
B.V. Raju Institute of Technology, Narsapur